SYSTEM AND METHOD FOR DATA CORRUPTION AVOIDANCE

ABSTRACT

A backplane having a bus is adapted to receive two bus controller cards of the

same model. One of the bus controller cards becomes a master card and the other

5   becomes a servant card. Each of the bus controller cards has a bank of switches that

may be set to compatible positions. The positions of the switches on the two bus

controller cards are compared, and the servant card is disconnected if its switches are

not set to positions compatible with those of the master card. The backplane also may

be adapted to receive different models of bus controller cards. Where two different

10   models of bus controller cards are present on the backplane at the same time, one of

the cards is not connected to the bus in order to prevent corruption or loss of data

traveling over the bus.